

Effect of Organic Mineral Fertilizers on Soil Fertility
by P. I. Milishkins

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CIA ID 432374

USSR
Scientific - Biology

USDA

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Mar 56

RT-362-9

Soil Science, by V. R. Vil'yams,
RUSSIAN, bk. Pochvovedeniye, 1949, 471 pp.
*CESTI TT 67-51283

Sci-Ear Sci
Nov 66

56/45-6 T-223 - 4201-0010-152/49

Pochroved No. 1, 1949

The Mean Elementary Composition of Soils, by S. A.
Kudrya, 10 pp.

RUSSIAN, Pochvoved, 1949, No 9, pp 505-517.

Sci Museum Lib No 51/3476 - London

Sci - Geophysics

Gerasimov, I. P.
THE PROJECT OF THE PROGRAM OF THE STATE
SOIL MAP OF THE USSR (Proekt Programmy Gosudar-
stvennoi Pochvennoi Karty SSSR). [Nov 61] 10p.
PL-430 Agr.
Order from OTS \$0.50 60-21848

Trans. of Pochvovedenie (USSR) 1949, no. 10,
p. 611-618.

DESCRIPTORS: *Soils, *Agriculture, *Maps, Docu-
mentation, Earth.

This paper presents in thesis form the basic principles
of the project program and summary scale of conven-
tional symbols for the USSR State soil map, developed
at the Dokuchaev Soil Institute.

(Agriculture, TT, v. 7, no. 2)

60-21848
I. Gerasimov, I. P.
II. PL-430 Agr (60-21848)
III. National Science Foun-
dation, Washington, D. C.

C 171 909 7180

Office of Technical Services

Agro-Hydrological Properties of the Main Soil
Types of Kazakhstan, by A. D. Kopyt.

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pp 394-399.

OTS-60-11073
(PL 430)

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Sci - Geography
Jun 60

The Interaction of the Group of Crenic and Apocrenic
Acids, Fulvic Acids with the Hydroxides of Bases, by
V. Ponomareva.

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638-651.

CSIRO-3394

Eel

Aug 59

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The question of Eluvial Soils, by Poluninov, B. B.
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Gherasimov, I. P.

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Sci Museum Lib No 50/2800

Investigation of the Chemical Nature of Humic
Acid Hydrolysis of Humic Acids and Kerosene
Methods for Determining the Functional Groups,
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MOSKVA, SSR, Mashinostroyeniye, 1968, 1969,
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REF ID: A69803

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Akimsev, V.V.
SOLS ET QUALITÉ DES VINS (Soils and Quality of
Wines). 13p. 10 refs. CNRS-II 33.
Order from OTS, ETC or CNRS \$1.60 TT-62-23848

Trans. in French of Fachvevedenie (USSR) 1950, no. 5,
p. 296-304.

DESCRIPTORS: *Alcohols, Plants (Botany), Soils,
*Agriculture.

(Agriculture--Plant Cultivation, TT, v. 11, no. 9)

TT-62-23848

I. Akimsev, V.V.
II. CNRS-II 33
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Bazilevich, N. I. and Kurganskiy, A. G.
DAS BEWÄSSERUNGSPROBLEM DES MITTLEREN
WOLGA-LANDES (Problema Orosheniya Srednego
Povolzh'ya). [1961] [9] p. 6 refs. TL 951: [DSIR LLU]
M 2092.
Order from OTS or SLA \$1. 10

61-13449

Trans. in German of Pochvovedeniye (USSR) 1950,
no. 12, p. 713-718 (pub. in Sowjetwissenschaft.
Naturwissenschaftliche [Beiträge] (West Germany)
1951, v. 4, no. 2).

DESCRIPTORS: *Irrigation systems, *Soils, *Climate,
USSR, Agriculture.

(Engineering--Civil, TT, v. 6, no. 3)

61-13449

I. Bazilevich, N. I.
II. Kurganskiy, A. G.
III. Trans-T/L-951
IV. DSIR LLU M. 2092

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(Engineering--Civil, TT, v. 6, no. 3)

Utilization of Waste Gumbo for the Purpose of
Increasing Productivity of Agricultural Crops,
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USDA Trans 324

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Economic - Agriculture, crops
Scientific - Biology, crops

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Soil Atmosphere As A Source Of Organic Nutrients
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T.58.R

Scientific - Geophysics

Jul 53 DEX

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Possible Causes of a Failure of Jet Engines, by
Parfenova, M. I., and Troitskiy, A. I.

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Sci Museum Lib No 52/0469

Best Agricultural Lands in the Mountains of the
Extreme North of USSR, by K. P. Bogatyrev.

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pp 489-492. CIA D 9008113

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RUSSIAN, no per, Pochvovedeniye, No 10, pp 626-631,
1951.

British Sci Museum No 52/1627

Soils of the Caspian Lowland, by A. M. Petelin,
A. A. Sobolov, 10 pp.

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OTS 60-21831

PL 480

PRT 190

USST - Geo

Dec 60

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Role of the Root Mass in the Desalinization
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Apr 62

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Chemico-Geographical Regularities in the
Salinization of Soils of the Kura-Araks Plain,
by V. R. Volobuev, 10 pp.

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Sci Trans Center RT-961

Scientific - *Geophysics*
~~Geography~~

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CONCERNING THE STRAW-YELLOW-PODZOLIC
SOILS OF BELO-RUSSIA (O Palevo-Podzolistykh
Pochvakh Belorussii): 1963, 16p. 7 refs. PL-480 Agr.
Order from OTS \$41.50 63-11082

Trans. of Pochvovedenie (USSR) 1952, no. 2,
p. 132-144.

DESCRIPTORS: *Soils, *Soil mechanics, Physical
properties, Chemical properties.

(Agriculture--Plant Cultivation, TT, v. 10, no. 3)

I. Nogina, N. A.
II. PL-480 Agr (63-11082)
III. National Science Foundation, Washington, D. C.

Office of Technical Services

The Loess Problem and the Formation of Serozem,
by A. H. Rozanov. 23 pp. 908045

RUSSIAN, per, Pochvovedeniye, No 7, 1952,
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OTR 60-21845
PLA80

Sci. - Geophys
Sep 61
PSI No 246

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A Method of Determining the Acidity of Peat Bog
and Swamp Soils, by N. I. Alyamovski

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Co-op Tr Sch 41

Scientific - Chemistry
CTG/DMH

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61-31161

Klychnikov, V. M.

A DEVICE FOR DETERMINING THE PERMEABILITY OF SOILS TO WATER UNDER FIELD CONDITIONS (Pribor dlya Opredeleniya Vodopronitsaemosti Pochvogruntov v Polevykh Usloviyakh). 1962, 13p. 3 refs. PL-480 Agr.
Order from OTS \$0.50

61-31161

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DESCRIPTORS: *Soils, *Water, *Permeability, Determination, Instrumentation, Moisture, Absorption.

(Agriculture--Plant Cultivation, TT, v. 8, no. 11)

- I. Klychnikov, V. M.
- II. PL-480 Agr (61-31161)
- III. National Science Foundation
Washington, D. C.

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Surmach, G. P.
STUDY OF PERMEABILITY AND RUNOFF ON DETRITAL CHESTNUT SOIL BY THE SPRINKLING METHOD (Izuchenie Vodopronitsaemosti i Stoka na Shechebnistykh Pochvakh po Metody Iskusstvennogo Dozhdevaniya). 1963, 11p. 6 refs. PL-480 Agr.
Order from OTS \$0.50 63-11037

Trans. of Pochvovedenie (USSR) 1952, no. 10, p. 936-944.

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DESCRIPTORS: *Soils, *Porosity, *Drainage, *Erosions, Tests, Moisture, Permeability, Sprinklers.

The work deals with the study of the factors of water permeability and the conditions for the formation of runoff from the least investigated loamy detrital soils of the chestnut type under conditions resembling, as closely as possible, the natural ones, i.e., under sprinkling and in the presence of runoff. (Author) (Agriculture--Plant Cultivation, TT, v. 10, no. 3)

63-11037

- I. Surmach, G. P.
- II. PL-480 Agr (63-11037)
- III. National Science Foundation, Washington, D. C.

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OTS-TT 65-60060

Sci-E. Sci & Astron
May 65

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of Latvian SSR, by A. S. Sharova.

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DT 8 65-001-17

Sci - Agri.

Apr 64

The Effect of a Lucerne Grass Mixture on
the Improvement of the Structure of Western
Precaucasian Chernozems, by M. G. Chizhevskiy,
V. S. Kosinskiy, 11 pp.

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Sci Trans Center
RT-2094

Scientific - Biology
CNS 70/Jul 55

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A Rapid Method for Determining Soil Moisture,
by P. V. Ivanov, 10 pp.

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pp 61-65.

Sci Trans Center
RT-1675

Scientific - Geophysics

Dec 54 CTS/DEX

14,674

Comparative Study of the Pipette Method and the
Aerometric Method of Mechanical Analysis of Soils,
by A. P. Makarova, E. N. Platova, 23 pp.

RUSSIAN, per, Pochvovedenie, No 5, 1953, pp 55-66.

Sci Trans Center
RT-1673

Scientific - Geophysics

Dec 54 CES/DEX

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What is Needed is a Classification of Soils and Not
Their List, by K. P. Gorshenin, 9 pp.
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July 71

Apparatus for Determining the Volume of Small
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Sci Tr Center RT-2414

Scientific - Biology
Dec 55 CIS/DEX

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✓ Application of Fertilizers As a Means of Increasing
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Sokolov,

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CIA D 432370

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Scientific - Biology

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Mar 56

On Organizing a Soil Service , by P. S. Aderikhin,
9 pp,

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SIA R-1578

Sci. & Chem
Aug 58

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NIISLAI, par, Pochvovednie, NII No 3, 1954, pp 77-80.

Sci Tr Center RT-4041

Sci - Geppignios

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Improvement of Solonchaks Soils in the USSR

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Sci Tr Center
RI-3898

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USSR - Economic, agriculture
Sep 56 CHB/lex

The Present-day Concept of Eluvium and Eluvial
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Scientific - Biology

Jun 55 CTS

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RUSSIAN, per, Pochvovedeniye, No 5, Mar 1954,
pp 55-59. CIA 9004380

USDA

~~Re: 100~~

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Apr 1957 CTS/dex

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(FDD 25981)

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CIA/FDD U-9199

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Sci - Biology

Eco - Agriculture

Nov 1956/CPS

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Fundamental Improvement of the Chestnut-Brown
and Brown Zones, by I. N. Antipov-Karatayev.

RUSSIAN, per, Pochvovedenie, No 7, 1954,
pp 93-102.

CSIRO

USSR
Econ - Agriculture
Apr 62

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Evaluating the Nutritive Region^{MS} of the Soil by
Chemical Analysis of Plants, by K. P. Magnitskiy

RUSSIAN, per, Pochvovedenie, No 7, 1954, pp 113-125.
CIA D 432339

VEDA

Scientific - Biology

32,289

Mar 56

Gerasimov, I. P.
SCIENTIFIC PRINCIPLES OF SOIL SYSTEMATICS
AND CLASSIFICATION (Nauchnye Osnovy Siste-
matiki i Klassifikatsii Pochvy). 1962, 25p. 14 refs.
PL-480 Agr.

Order from OTS \$0.50

61-11493

Trans. of Pochvovedenie (USSR) 1954, no. 8, p. 52-64

DESCRIPTORS: *Soils, *Classification, *Geological
time, Temperature, Climatic factors.

An attempt is made to describe the present state of
the problems of the systematization and classification
of USSR soils and to advance a series of propositions,
of principles, that require collective consideration.
(Author)

(Earth Sciences--Geology, TT, v. 7, no. 8)

61-11493

I. Gerasimov, I. P.
II. PL-480 Agr (61-11493)
III. National Science Foun-
dation, Washington, D. C.

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CIA 9006768

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Sci - Biology
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Sci Tr Center RM-4205

Sci - Geophysics

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a Discussion of Intra-Soil Run-Off.), by A. A. Rode,
20 pp.

RUSSIAN, per, Pochvovedenie, No 9, 1954, pp 52-63.

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BT - 3677

Sci - Geophysics

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Rode, A. A.
SOIL WATERS AND SOIL FLOW.
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APL 480
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RUSSIAN, per, Pochvovedenie, No 9, 1954, pp. 64-71.
CIA D 432344

USDA

Scientific - Biology

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RT 698

Polynov, B. B.

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Conditions of soil formation and soils of
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(9): 426-432. Map. 1954. In Russian.

Ag. 600000
Ag. 600000

Agrometeorological importance of soil density, pp. 1-10
Semenov, 19 pp.

RUSSIAN, no per, Positivized, WILDEX No 10, 1954,
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Sci. Tr. Ctr. RT-3396

USSR
Scientific - Geophysics
Economic - Agriculture

346 927

May 56 CTS/dex

Determining the Water Permeability of Soils During
Sprinkling, by P. G. Abramov.

RUSSIAN, par, *Echovovedenie*, No 11, Nov 1954, pp 71-79.
CIA 9016917

USDA

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Sci - Geophysics
Mar 58

Some Urgent Scientific-Research Problems in the
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RUSSIAN, per, Pochvovedenie, Vol 1, 1955, pp 12-15.
CIA D 440198

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Scientific - Biology

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Application of Chromatographic Method to Investigation of Fulvic Acids, by T. V. Drozdova, 12 pp.

RUSSIAN, prr, Pochvovedenie, No 1, 1955, pp 83-87.

Sci Mus Lib Tr 57/1220

Sci - Chemistry
Aug 57

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The Fundamental Principles of Soil Classification,
by K. P. Gershenin.

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RUSSIAN, sk, Sochvovedenie, No 2, 1955, pp 3-11.

*PL 430 OTS 61-11497
URDA

Mar 61

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Gorshenin, K. P.
CONCERNING THE BASIC PRINCIPLES OF SOIL
CLASSIFICATION (Ob Osnovnykh Printsipakh Klassi-
fikatsii Pochvy). 1962, 5p. PL-480 Agr.
Order from OTS \$0.50.

61-11494

Trans. of Pochvovedenie (USSR) 1955, no. 2, p. 73-78.

DESCRIPTORS: *Soils; *Classification; *Geological
time, Mountains; *Geography, Temperature, Cli-
matic factors.

I. Gorshenin, K. P.
II. PL-480 Agr (61-11494)
III. National Science Foun-
dation, Washington, D. C.

CIN 9086876

(Earth Sciences--Geology, TT, v. 7, no. 8)

Office of Technical Services

In Regard to Methods of Determining the Gas Exchange
Between Soil and Atmosphere, and Carbon Dioxide
Content in the Soil Air, by B. N. Nakarov.

RUSSIAN, per, Pochvovedenie, No 2, Feb 1955, pp 85-87.
CIA 9016915

Sci. Geophysics
Mar 58

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110-442-11 T-60;
60,252

Method for Aggregate Analysis of Solids, by L. A.
Makarov, 2 pp.

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SLA R-3156

Sci

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Conference on Tree Planting for Shelterbelts, by
H. B. Pilyumnyy.

RUSSIAN, per, Pochinovskiy, No 2, 1955, pp 94-96.
CIA 5005779

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Nov 1956 CTS/dsc

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Effect of Mole Drainage and Subsoil Plowing on the Water -
Salt Regime in Soils and Yields (of Cereals) Under
Conditions of Baraba, by P. Truss.

RUSSIAN, per, Pochvovedenie, No 4, Apr 1955, pp 62-66.
CIA 9016914

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Zavalishin, A. A

The question of the present-day position of the problem on the systematics and classification of soils (K voprosu o sovremennom sostoyanii problemy sistematiki i klassifikatsii pochv). — Pochvovedenie (Moscow), (4): 69-81. 1955. In Russian.

X OTS- 30-5-2000

On Automation of Determinating of the Soil
and Ground Moisture, by B. M. Gumenkiy.

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Sci - Chem
Apr 52

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Some New Methods of Studying the Porosity and
Structure of Soil, by M. Pol'skiy.

RUSSIAN, per, Pochvovedeniye, No 5, 1955, pp 29-43.

SLA R-3646

Sci

Aug 59

95, 152

Soil Changes Under Shelterbelts in the Conditions
of the Caspian Lowland, by A. P. Biryukova,
9 pp. 9080436

RUSSIAN, Pochvovedeniye, No 6, 1955, pp 60-65.

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PL 480

Sci - Geophysics
Sep 61
PST No 262

166,918

The Positive Influence of Forest Strips
(Shelter Belts) on the Moisture of Cis-Caucasian
Chernozem During the Warm Season, by
A. F. Malashnikov, 14 pp. 9080441

RUSSIAN, per, Pochvovedeniye, No 6, 1955,
pp 74-82.

OTS 60-21887
PL 480

Sci - Geophys
Sep 61
PST No 272

166 919

110 10 757
Investigation of Nitrogen Nutrition and
Metabolism in Plants by Using N15 Isotope, by
F. V. Turchin, et al.

RUSSIAN, mo per, Pochvovedeniye, No 7, 1955,
pp 1-12. CIA 9006524

USDA

See author file: Duplication of article in 5 vol.
work "Conference on Peaceful Uses of Atomic
Energy" translated and published by GPO

Soil Moisture Measurement by Means of Gamma
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RUSSIAN, no per, Pochvovedenie, No 7, 1955,
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Scientific - Biology

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Intake of Labelled Phosphorus by the Plant as a
Function of the Depth of its Application to the
Soil, by I. Mosallgov, A. Panova, 5 pp.

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SLA R-3617

Sci

AUG 59

95, 150

Practical Laboratory Methods on the Determination of the Degree of Soil Salinity, by I. N. Antipov, L. Ya. Mamayeva.

RUSSIAN, per, Pochvovedenie, No 8, 1955, pp 61-65.

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Sci - Chem
Agr 62

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The Nature of Soil Acidity; by D. Askina,
RUSSIAN, per, Pochvovedenie, ^{No 9} Vol 33, 1955,
p 17-24.

CBIR 3165

Sci

Jul 58

108, 952

110.211
Some Data on the Mineralogical Composition
of "Silica Powder" in Forest-Steppe Soils,
by A. A. Rode, I. I. Feofarova, 2 pp.
RUSSIAN, per, Pochvovedeniye, No 9, 1955,
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*CPSTI TT 66-51126

USSR
Sci/MINE
Jan 66

The Role of Phosphates in Increasing
Soil Fertility, by A. Dushackin, et al.

RUSSIAN, per, Pochvovedenie, No 10,
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CAIRO 3561

Sq1 - Chem

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